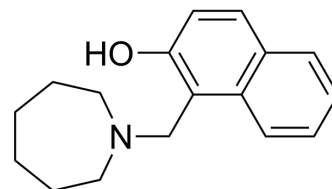


MurF-IN-1

Cat. No.:	HY-156661
CAS No.:	303790-97-8
Molecular Formula:	C ₁₇ H ₂₁ NO
Molecular Weight:	255.35
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	MurF-IN-1 (Compound 7) is a MurF inhibitor with an pIC ₅₀ of 5.19 against <i>S. pneumoniae</i> MurF ^[1] .
IC ₅₀ & Target	pIC ₅₀ : 5.19 (<i>S. pneumoniae</i> MurF) ^[1]

REFERENCES

[1]. Khedkar SA, et al. Design of inhibitors of the MurF enzyme of *Streptococcus pneumoniae* using docking, 3D-QSAR, and de Novo design. *J Chem Inf Model.* 2007 Sep-Oct;47(5):1839-46.

Caution: Product has not been fully validated for medical applications. For research use only.

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